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Barrette

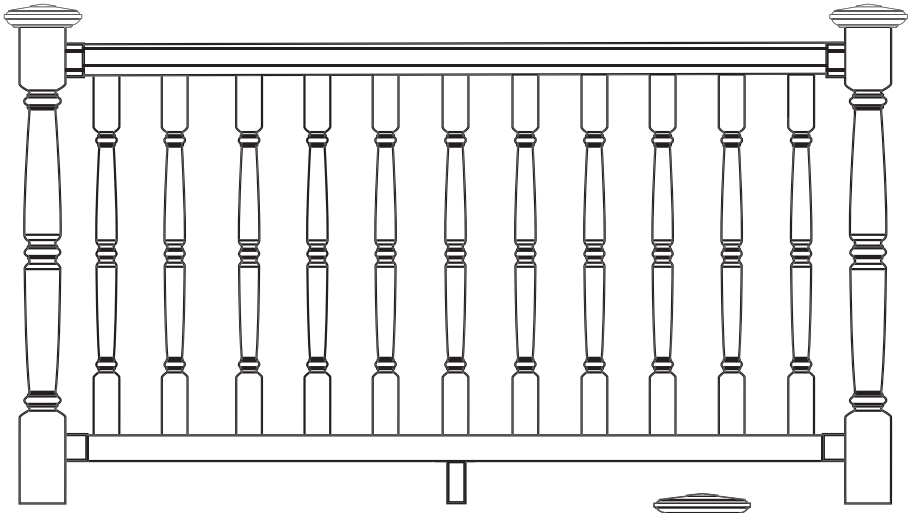
Railing and Stair Railing Kit

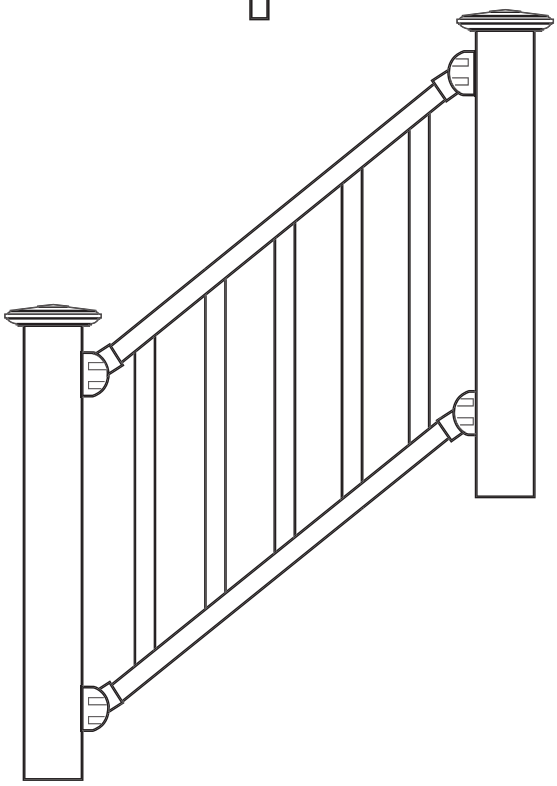
Assembly and Installation Instructions

PLEASE READ OWNER'S MANUAL COMPLETELY BEFORE ASSEMBLING YOUR RAIL OR STAIR KIT.

Models
73003989 / 73003988 / 73003565 / 73003987
Owner's Manual
Version
3.0

Traditional and Williamburg Vinyl Railing, Stair Railing & Angle Bracket Kits





To register your product, please visit: www.barretteoutdoorliving.com/product-registration

Thank you for choosing the Barrette Outdoor Living Rail or Stair Rail Kit. Please read the instructions completely before assembling your rail. Retain manual and your dated sales slip for future reference and warranty claims.

Before You Begin…

Make sure your project meets local building codes before beginning installation.

2 person installation recommended

Material Checklist:

- ☐ Tape Measure
- ☐ Level
- ☐ Hacksaw or Chopsaw
- ☐ Rubber Mallet
- ☐ Drill
- ☐ Drill bits
- ☐ 3" Wood Blocks
- ☐ Pencil

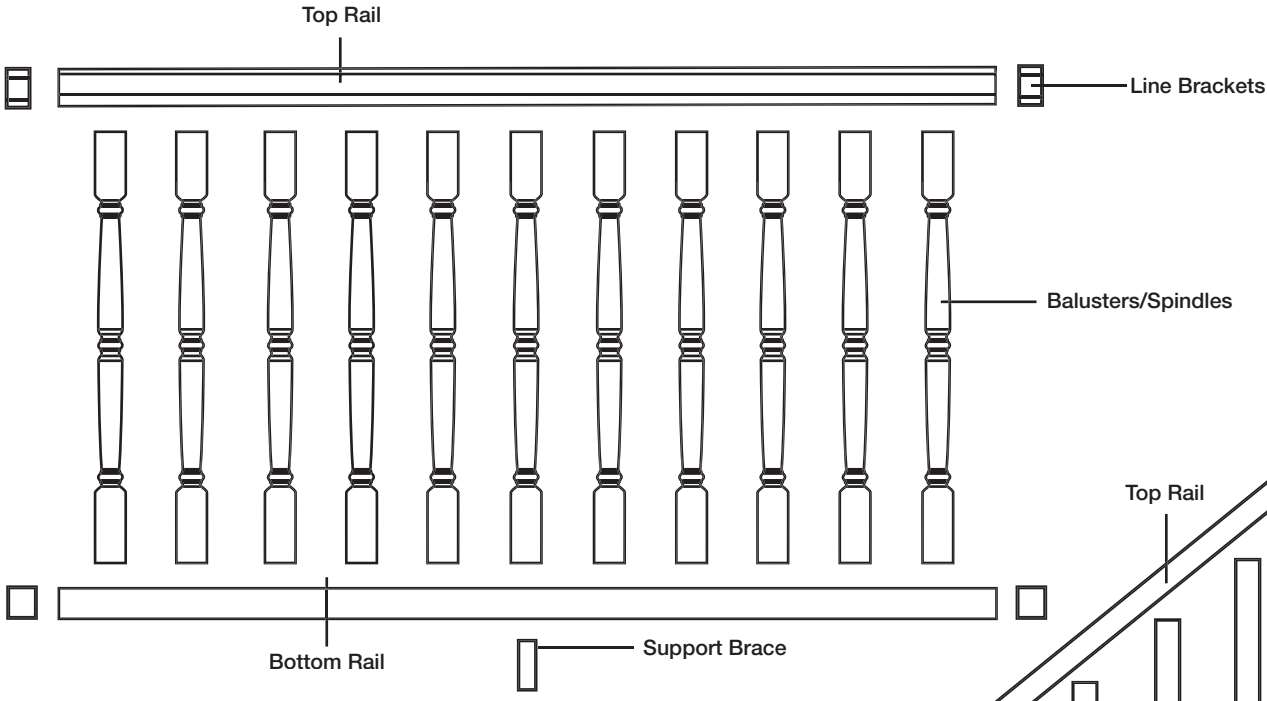
ATTENTION: Before you assemble the kit:

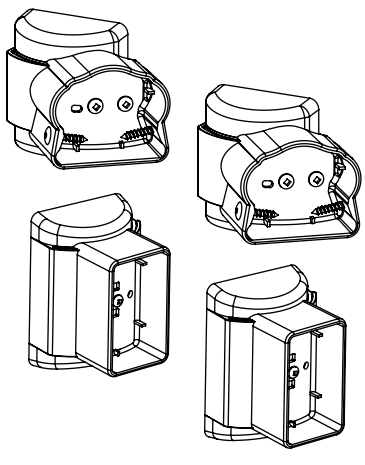
PLEASE TAKE A COMPLETE INVENTORY OF ALL PARTS USING THE KIT CONTENTS.

DO NOT ATTEMPT TO ASSEMBLE THE KIT IF PARTS ARE MISSING OR DAMAGED.

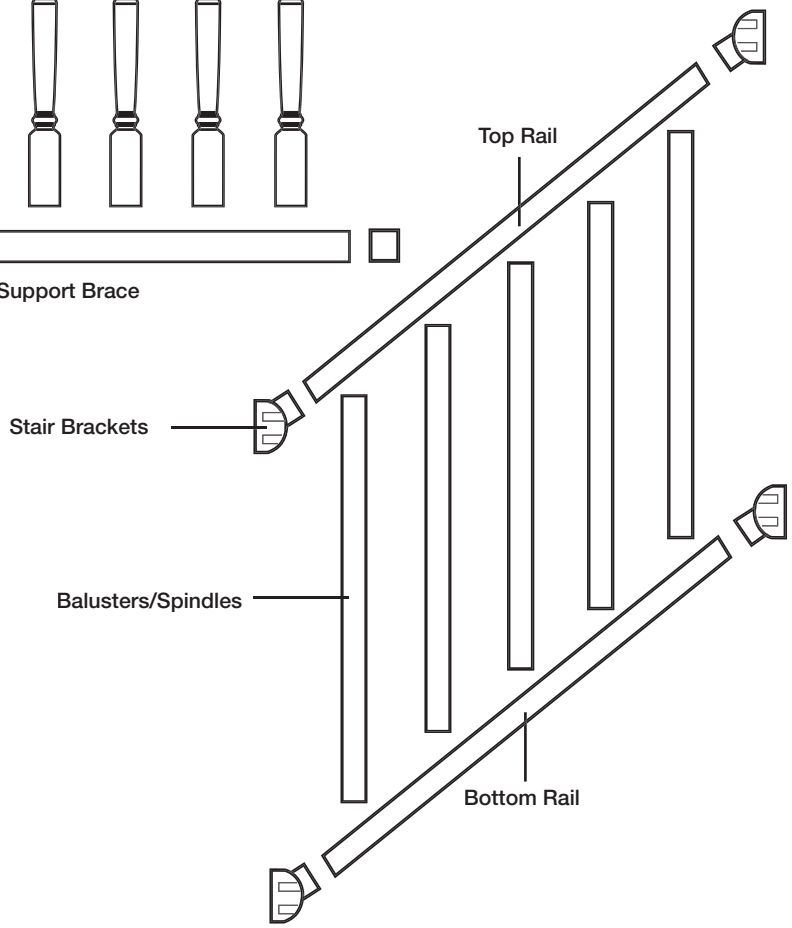
Please do not return the product to the store, for assistance or replacement parts call:

1-800-336-2383





Angle Brackets



For Vinyl Railing Installation:

Closely follow post installation instructions (or sleeve existing wood 4x4).

1 Assembling rail section:
- Lock tabs on baluster/spindle must face outer edge of routed holes in rails
- Assemble your rail section by snapping balusters/spindles in rails

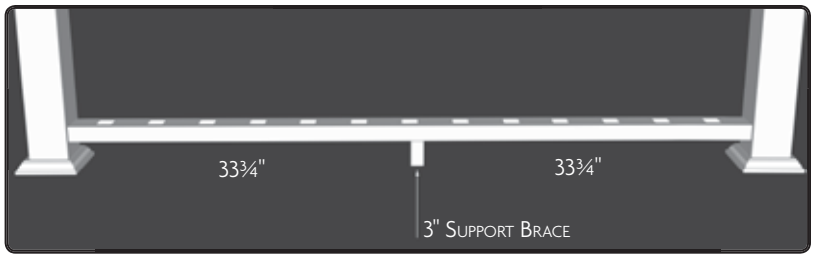
2

a. 1 support brace is included with 6' railing kits. Measure equal distance from both ends of railing and install support brace in center of bottom rail

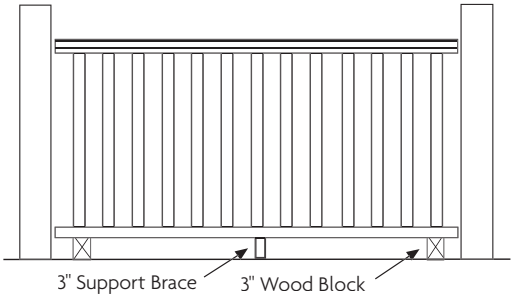
For 67 ½" rail: install center of support brace 33 ¾" from ends of rail

b. 2 support braces are included with 8' railing kits. Measure length of rail, divide by 3 and measure that distance from your rail to the center of your first support brace and install support brace. Repeat that step from the opposite side of your rail.

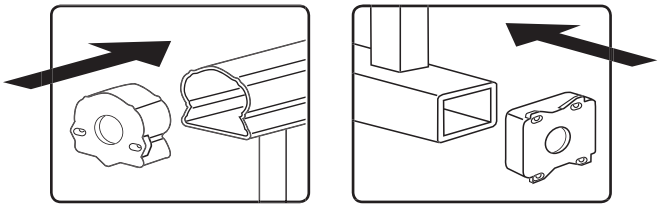
For 92" rail: divide 92" by 3 (=30⅔"); install both support braces 30⅔" from their respective ends



3 Cut two 3" temporary wood spacer blocks (not included) to insert under ends of railing sections to temporarily assist in aligning railing section.



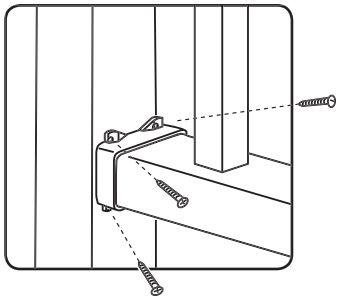
4 Slide two top and bottom rail brackets on ends of completely built rail sections. Slide rail section in-between posts and on top of temporary wood spacer blocks (position wood spacer blocks next to installed vinyl posts).



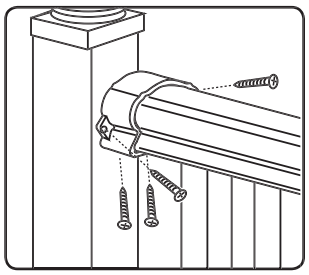
5 **For Bottom Brackets:**
Using a 5/32" drill bit, pre-drill first bottom bracket screw hole. On angle, drill through bracket hole, vinyl post jacket and vinyl insert.

6 Drive first of the shorter screws (1¼") through bottom bracket to post.

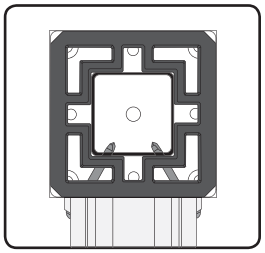
7 Repeat Steps 5 & 6 for the remaining three screws for the first bottom bracket. Repeat Steps 5–7 for the second bottom bracket.



8 **For Top Brackets:**
Install the two side screws first. Using a 5/32" drill bit pre-drill first hole on angle through first top rail bracket, vinyl post jacket and into wood or steel post (make sure to have drill at full speed when starting into the steel post) and loosely install the first 2½" screw.



9 Look down from the top of post to make sure screws are penetrating steel post if using steel post install kit.

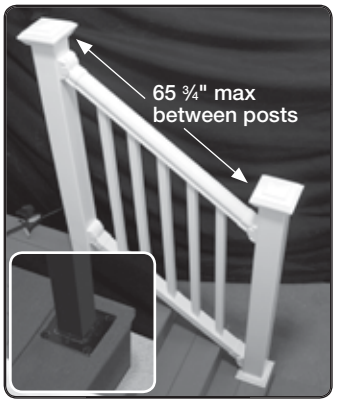


10 Repeat pre-drilling process for second screw (again, remember to have drill at full speed when starting into the steel post) and tightly install second screw.

11 Tighten first screw. Repeat Steps 8–10 for the second top bracket.

12 Install final 1¼" screws through bottom of top rail brackets into top rail.

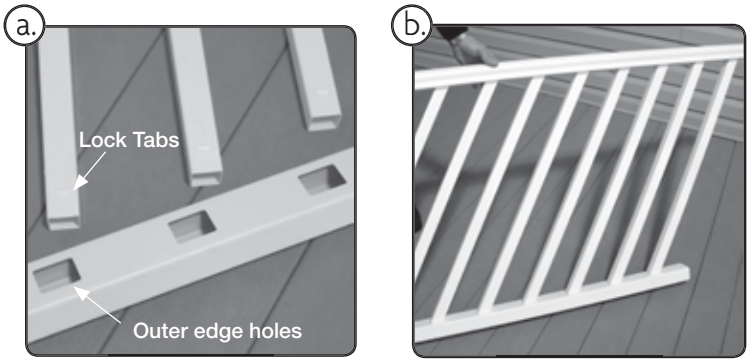
For Vinyl Stair Railing Installation:



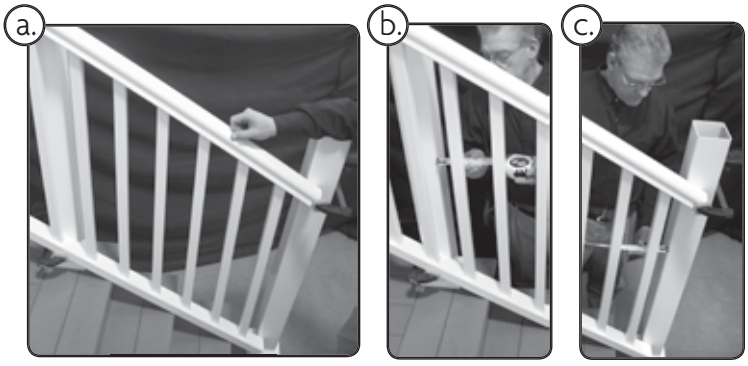
1 Closely follow post installation instructions (or sleeve existing wood 4x4).

2 Mount top post 1" back from edge of landing. Mount bottom stair post 1" back from stair tread nose. Distance between posts should not exceed 65¾.

3 Lock tabs on baluster/spindle must face outer edge of routed holes in rails as shown (Fig A). Assemble your rail section by snapping balusters/spindles in rails (Fig B).

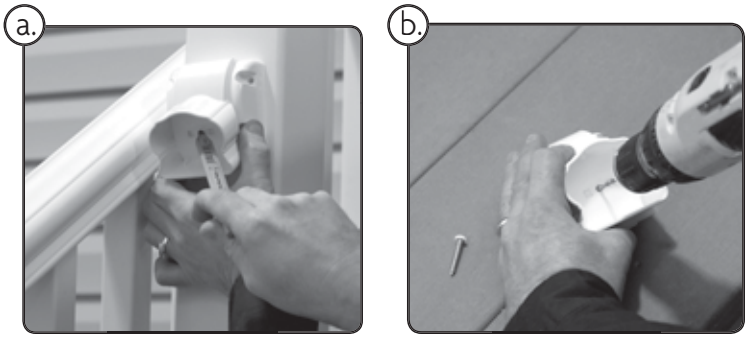


4 Place assembled stair rail section adjacent to your posts as shown in (Fig A). Measure the distance from first and last baluster/spindle to the top and bottom posts making sure distance is equal on both sides of stair rail section. Clamp in place (Fig B,C).

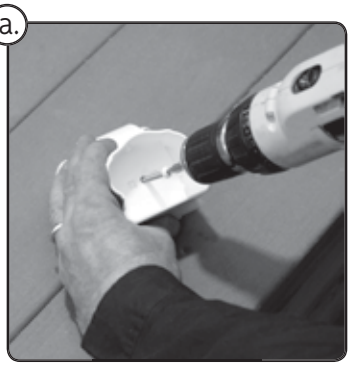


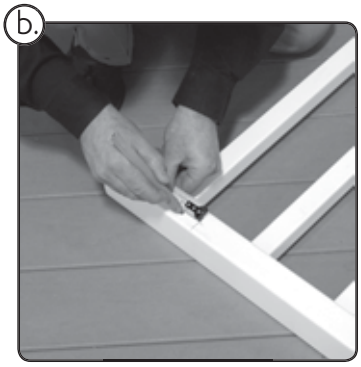
5 Align top and bottom angle bracket on post adjacent to rail. Mark rail at end of bracket repeat on all four brackets on rail section.

6 Check for proper bracket angle and mark window inside bracket (Fig a). Pre-drill angle bracket through round holes (two in top rail bracket, one in bottom rail bracket) with a ⅛" bit and add #10 x 1" screws to lock angle in place (Fig b).



7 Remove clamped stair kit from posts. Locate previous marked rails and add 1" to your pre-determined measurement (Fig A). Cut all four 1" marks on rails at 90 degrees (Fig B).

a.


b.


8 Note: There is a separate screw pack for the top rail brackets and the bottom rail brackets.

a. Slide your angle brackets top/bottom onto your rails and place stair rail section between your posts.

b. Determine desired rail height and mark all bracket holes.

c. Pre-drill all bracket holes with a 1/8" bit.

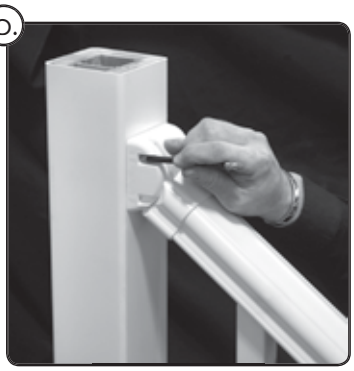
d. **For Top Rail Brackets Only:** Position drill bit on center of post (2" from either side) and between previously drilled four screw holes. Pre-drill using 5/32" drill bit all the way through steel insert.

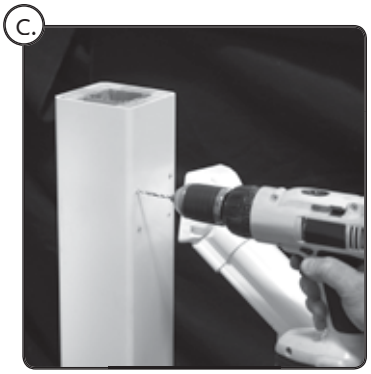
e. Attach 2" screw into post all the way through steel insert.

f. Add screws to mount brackets to posts. For top rails, make sure to use 2" self tapping screws (4 per bracket). For bottom rails, make sure to use the 1 1/2" self-tapping screws (4 per bracket).

g. Pre-drill each side of the top rail brackets using the screw holes provided. Use provided 1" flat head screws and plastic caps to complete the installation.

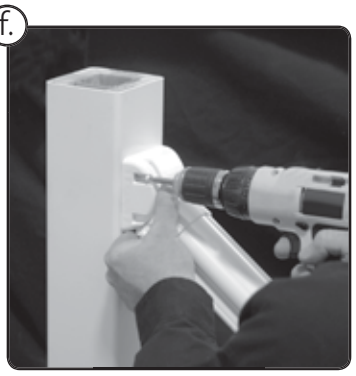
a.

b.


c.


d.

e.

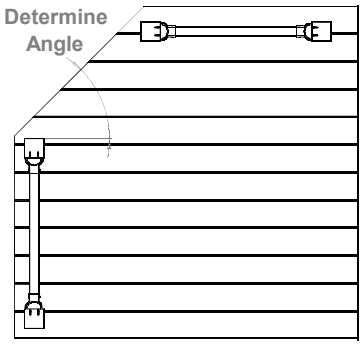
f.


Angle Bracket Installation:

These installation guidelines will direct you through the process of installing the angle brackets. This process is very similar to the installation of a regular railing installation, with a few key differences.

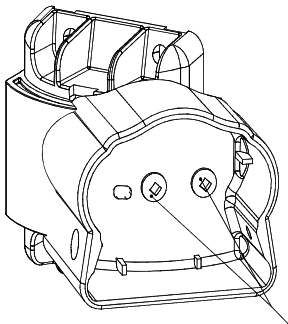
These instructions depict installation methods that have been proven successful and are therefore recommended by the manufacturer. Please keep in mind that they may not cover every installation scenario you may encounter. Since each installation is unique in its performance requirements, the ultimate installation method used is the sole responsibility of the installer.

1 After posts have been installed, determine angle and height of railing.



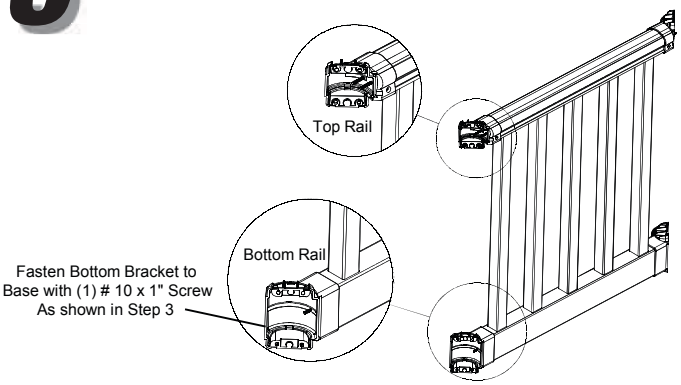
Top View

2 Pre-drill 1/8" diameter holes in base, then fasten bracket at the determined angle.

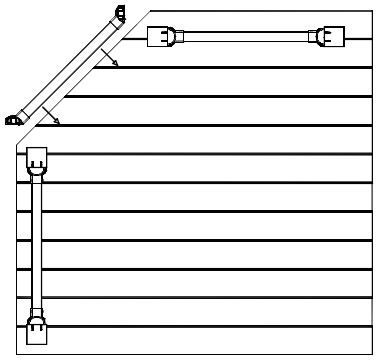


Fasten bracket to Base with (2) #10 x 1" Screws for Top Bracket Only

3 Cut railing to desired length. Place bracket on each end of top and bottom rails.

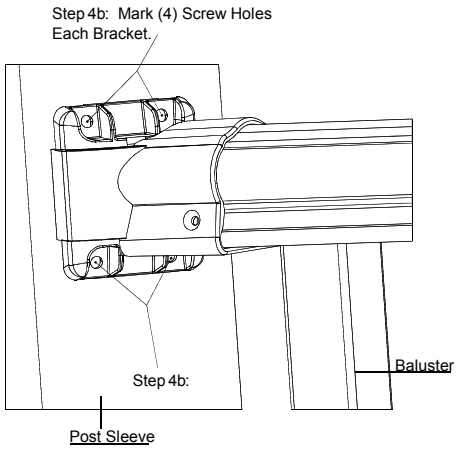


4a Position the rail section between the posts.

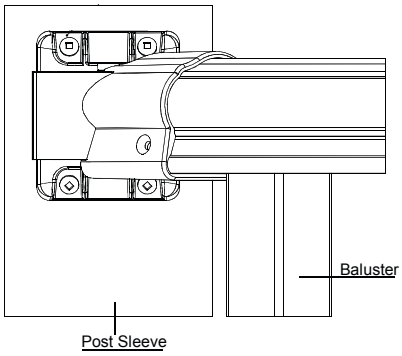


Top View

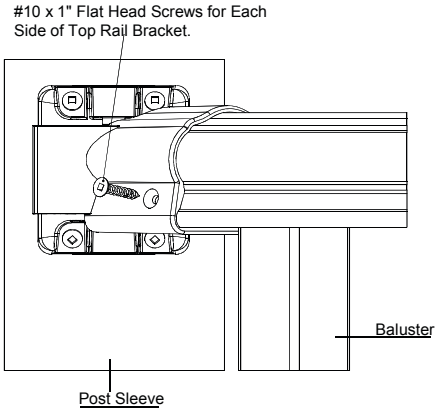
4b Mark (4) screw hole locations on each bracket. Set rail section aside, then pre-drill 1/8" diameter holes in post at each mark.



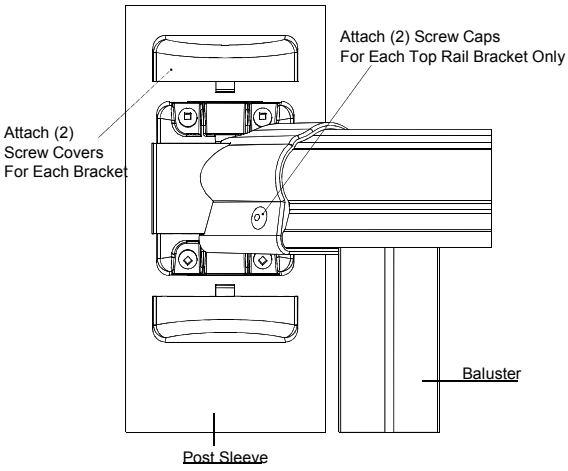
5 Attach each 2" top rail bracket with (4) # 10 x 2" screws. Attach each bottom rail bracket with (4) # 10 x 1 1/2" screws.



6 Pre-drill (1) 1/8" diameter hole through top rail and aluminum insert for each side of **top rail brackets only**. Fasten with # 10 x 1" flat head screws.



7 Add (2) screw covers for both top and bottom brackets. Add (2) screw caps for each top rail bracket.



Note: Repeat installation process for each additional rail assembly.

Top bracket shown only.

Transferable Limited Lifetime Warranty

What is covered: Barrette Outdoor Living warrants vinyl and aluminum products to include; vinyl and aluminum fence, vinyl and aluminum railing and plastic lattice against defects or workmanship for as long as you own your home. Barrette Outdoor Living will at its option replace the product in question with new product of the same or equivalent value at no charge. Barrette Outdoor Living warrants these products against peeling, flaking, splintering, corrosion, rusting or abnormal discoloration under normal use and service per ASTMD 2244. This warranty extends to the original purchaser or transferee as specified herein on the products noted above. Separate and distinct warranties for hardware and other products are not covered under this warranty.

What this warranty does not cover: This limited warranty does not cover damage resulting from accident, unreasonable use, neglect, alteration, improper service, improper installation, acts of God or any other causes not arising out of defects in materials or workmanship. Additionally, this warranty does not cover costs of installation, removal, reinstallation or surface mold and mildew created by excessive environmental conditions. Any service or repair provided outside the scope of this limited warranty shall be at Barrette Outdoor Living's rate and terms then in effect.

What do we do to correct the problems? Should your Barrette Outdoor Living product prove defective under warranty, reference the website or call the phone number listed below. Your problem will be assigned a tracking number and an authorized Barrette Outdoor Living representative will contact you to arrange a convenient time to schedule an onsite inspection, or request pictures, if need be. If after inspection product is deemed to be manufacturer defect we will make arrangements to rectify the issue. You must have proof of your purchase in order for the problem to be corrected.

Transferee Coverage: Warranty coverage will be extended to one transferee on the above listed products with the following limitations. Transferee must obtain an original or copy of the initial sales receipt (with proof of date) from the previous owner(s). Additionally, if fence is purchased from a builder or installer, documentation must be supplied that names the product installed on property and date of transfer.

THIS WARRANTY IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PART OF Barrette OR ITS LICENSORS, SOME STATES DO NOT ALLOW THE EXCLUSIONS OF IMPLIED WARRANTIES OR LIMITATIONS OF HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. IF THE PRODUCT IS DEFECTIVE PER THE ABOVE COVERAGES, YOUR SOLE AND EXCLUSIVE REMEDY SHALL BE REPAIR OR REPLACEMENT AS PROVIDED ABOVE. BARRETTE AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES, LOSS OF USE, LOSS OF PROFITS OR INTERRUPTION OF BUSINESS WHETHER SUCH ALLEGED DAMAGES ARE BASED IN WARRANTY, TORT, CONTRACT, OR INDEMNITY. SOME STATES DO NOT ALLOW THE EXCLUSION OF LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. This warranty is valid only in the United States and Canada.

Refer to www.BarretteOutdoorLiving.com for specific details about warranty limitations.
1-800-336-2383

To register your product, please visit: www.barretteoutdoorliving.com/product-registration

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